

L 10106-63

BDS

ACCESSION NR: AP3002722

S/0120/63/000/003/0072/0078

AUTHOR: Yekatov, A. B.; Matalin, L. A.; Semenkov, V. F.; Smirnov, V. I.; Chubarov, S. I.; Shimarskiy, A. M. 53

TITLE: Multirange analyzer 0

SOURCE: Pribory i tekhnika eksperimenta, no. 3, 1963, 72-78

TOPIC TAGS: pulse analyzer, description of input units, system of recording

ABSTRACT: A multirange pulse analyzer with a magnetic-core memory system has been designed for the investigation of distribution which depend on two or three variables. The device has 16,383 channels, each with a 16-digit binary number. The analyzer not only sorts pulses into the proper channels, but can also perform preliminary processing of recorded information. The recording system is equipped with an address system which allows various input circuits to be used without changing the memory system. Two amplitude-to-digital converters are used as the basic input circuits. The converters have coders (16 inputs) operating in the two-dimensional amplitude-measurement mode;

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they convert the pulse amplitude into a seven-digit binary-code. The following can be used as additional input units: 1) time-to-time amplitude converter for operation in the nanosecond range; 2) circuit for measuring the ratio and sum of amplitudes of two pulses; 3) time-of-flight measuring unit with channel widths from 10<sup>-4</sup> to 10<sup>-6</sup> sec; and 4) coincidence unit. The recording system consists of the memory circuit, programming circuit, address selecting circuit, arithmetic circuit (addition and subtraction), and display system (CRT and a ten-key typewriter). The memory circuit has a ferrite matrix consisting of 128 x 128 x 16 K-260 cores (2 x 13 x 1 mm in size) and operates on the principle of half-current coincidence. The signal-to-noise ratio of the analyzer is better than 5. A special feature is the possibility of obtaining a readout not only of each separate line of stored information but even of certain parts of a line. Orig. art. has: 6 figures.

ASSOCIATION: none

SUBMITTED: 05Jul62 DATE ACQ: 12Jul63 ENCL: 00

SUB CODE: 00 NO REF SOV: 004 OTHER: 008

c/d M/ak  
2/2

SHIMANSKIY, B.A., inzhener.

Controlling aqueous vegetation hampering the normal use  
of reservoirs. Elek.sta. 27 no.7:18-21 J1 '56. (MLRA 9:10)

(Reservoirs) (Insecticides)

"APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R001549510010-5

SHIMANSKIY, B.A., inzh.

Fight with surface vegetation in the cooling reservoirs. Elek.  
sta. 33 no.1:26-30 Ja '62. (MIRA 15:3)  
(Electric power plants)(Reservoirs)

APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R001549510010-5"

SHIMANSKIY, B.A.

Efficient measures for controlling the overgrowth of cooling reservoirs. Trudy Gidrobiol. ob-va 14:74-114 '63.

(MIRA 17:6)

1. Yuzhnoye otdeleniye tresta po organizatsii i ratsionalizatsii rayonnykh elektricheskikh stantsiy i setey, L'vov.

SHIMANOV, B.A., Inzh.

Expediency of the development of fisheries in the water-cooling  
reservoirs of thermal electric power plants. Elek. sta. 35 no.11;  
37-39 N '64.  
(MIR 18:1)

SHIMANSKIY, B.A.

Technological and hydrobiological characteristics of water  
cooling reservoirs of the thermal electric power stations.  
Gidrobiol. zhur. 1 no.2:22-26 '65.

(MIRA 18:6)

1. Southern Division of District Power Station Organization  
Bureau, L'vcv.

"APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R001549510010-5

SHIDMANSKIY, B.A., inzh.; LAZARENKO, Yu.I., inzh.; NATALYUK, N.T., inzh.

Corrosion of condenser brass tubes. Elek. sta. 36 nu.9:15-18  
S '65. (MIRA 18:9)

APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R001549510010-5"

PANASENKO, N., SHIBANSEITY, T.

Drying Apparatus - Milk

Effectiveness of an upper air intake in spray driers. Moloch. prom. 14, no. 3, 1953.

9. Monthly List of Russian Accessions, Library of Congress, May 1953. Unclassified.

SHIMANSKIY, I. (Leningradskaya oblast')

Interprovince seminar for amateur motion-picture photographers.  
Sov.foto 20 no.3:38 Mr '60. (MIRA 13:7)  
(Amateur motion pictures)

L 62578-65

ACCESSION NR: AP5019307

UR/0333/65/000/007/0036/0037  
637.142:004.69

16

14

8

AUTHOR: Shimanskiy, I. (Engineer)

TITLE: Increasing the productivity of equipment

SOURCE: Molochnaya promyshlennost', no. 7, 1965, 36-37

TOPIC PAGE: food, food preservation, milk, industrial equipment, industrial  
can filling machine

ABSTRACT: The bottleneck created in the Lyubinskiy Milk Preservation Combine by the inefficiency of two machines KNA-60 used for filling cans with sweetened evaporated milk has been eliminated. Acting on the suggestion of mechanic P. R. ... the machines were altered so that their productivity increased from 120 cans per minute to 180. This eliminated the necessity for washing the cans after filling. The new productivity of 180 cans per minute greatly increased the

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L 42598-05

ACQUISITION NR: AP5019307

2

... later generators introduced (in the suggestion of the same man) in the  
... second half of 1962 greatly extended

... the range of the aircraft.

... the first majorly technological meeting between Lyubilskiy MIL and Gorbunov

... engine

ANGLE: X

SUB CODE: W, E

W, E, F, G, H

OTHER: 000

b7D  
Card 2/2

21/06/01

PAGE 1 BOOK INFORMATION	
NAME:	Sov/1/16
NAME: Politehnicheskaya Institut	
NAME: Institute of Technology of Silicate Materials (Chemistry and the	
Chemical Technology of Silicate Materials) Moscow, Russia, edn. III, Sov. Ed.	
I. V. Shchelkin, 1960, 165 p. (Series: Sov. Morals Mechnichesk. Tekhn., vyp. 82)	
1,000 copies printed.	
MATERIAL: Incl.: R. A. Belskoder (Bulg. Ed.) Academicheskaya Akademiya Nauk, In. A. Gavrilov, Otdelenie of Technical Sciences; N. M. Tsvetkov, Otdelenie of Technical Sciences; P. I. Matveevich, Otdelenie of Technical Sciences; N. V. Kostylev, N. M. Lisenko, I. M. Savenko; M. I. M. V. Karpovskii, Tekhn. Ed.; P. T. But'ko.	
PURPOSE: This book is intended for students and technicians interested in the physicochemical properties and the production of glasses.	
CONTENTS: The collection contains 20 articles which give data on the synthesis and physicochemical properties of various silicate glass and some experimental glass compositions. Numerous property and phase diagrams of glass compositions.	
19. "Kozl, I.I., and F.I. Chikinaeva and I.A. Dzhobava, Influence of the Effect of Premixing Glass and Acting on the Properties of Germanium Oxide Material and Fluorine Articles	
20. "Kozl, I.I., and V.V. Medvedevich and S.A. Slobodchikova, Properties of the Effect of Addition of Germanium, Oxygen and Alumina on the Physicochemical Properties of a Germanic Glass and Crystal System	249
AVAILABLE: Library of Congress	155
DATE 2/5	

21/06/01

KISELEV, I.I., kand.tekhn.nauk; RADKEVICH, V.V., inzh.; SHIMANSKIY, K.S.,  
inzh.

Effect of cement, gypsum and ashes mixtures on the physicomechanical  
properties of ceramic crock and the speed of drying. Sbor.  
nauch. trud. Bel. politekh. inst. no.82:155-163 '60. (MIRA 15:5)  
(Ceramics)

SHIMANSKIY, K.V.

Erroneous diagnosis of neurosis in intracranial tumor. Zhur.nevr. i  
psikh. 57 no.4:510-513 '57. (MLRA 10:7)

1. Kafedra nervnykh bolezney Chalyabinskogo meditsinskogo instituta  
(NEUROSES, differential diagnosis,  
brain neoplasms (Rus))  
(BRAIN NEOPLASMS, differential diagnosis,  
neuroses (Rus))

SHIMANSKIY, K.B. (Chelyabinsk)

Diagnosis of temporal tumors [with summary in English, p.64].  
Vop.neirokhir. 23 no.1:35-38 '59. (MIRA 12:3)

1. Kafedra nervnykh bolezney Chelyabinskogo meditsinskogo instituta.  
(TEMPORAL LOBE, neoplasms,  
diag. (Rus))

SHIMANSKIY, K.V.

Difficulties and errors in the diagnosis of tumors of the corpus callosum. Zhur.nevr.i psikh. 59 no.9:1057-1061 '59. (MIRA 12:11)

1. Kafedra nervnykh bolezney (zav. - kand.med.nauk K.V. Shimanskiy)  
Chelyabinskogo meditsinskogo instituta.  
(BRAIN neoplasms)

SHIMANSKIY, K. V., dotsent (Chelyabinsk)

Errors in topical diagnosis in tumors of the frontal lobes. Vop.  
neirokhir. no.6:20-24 '61. (MIRA 14:12)

1. Kafedra nervnykh bolezney meditsinskogo instituta.

(BRAIN—TUMORS)

SHIMANSKIY, M. [Shymans'kyi, M.]

Encyclopedias in the past and now. Znan. ta pratsia no.4:31 Ap '59.  
(MIRA 12:10)

(Encyclopedias and dictionaries)

SHIMANSKIY, M. [Shymanski, M.]

A girl in the skies. Rab.1 sial. 36 no.2:2-3 *F* '60.  
(MIRA 13:6)

1. Berezovskaya gosudarstvennaya rayonnaya elektricheskaya  
stantsiya, Brestskaia oblast'.  
(Bereza--Construction workers)

SMIRNOV, S.S.; EYSMONT, I. I.; GONCHARENKO, I.N.; SHIMANSKIY, N. I.;  
DOBROV, V.P.

Substitution of vibrating screens for disk-grizzly screens in  
coke-assorting shops. Koks i khim. no.10:31-34 '60.  
(MIRA 13:10)

1. Bagleyskiy koksokhimicheskiy zavod (for all except Dobrov).
2. Dnepropetrovskiy metallurgicheskiy institut (for Dobrov)  
(Coke industry--Equipment and supplies) (Coke)

30273. CHIKANSKIY, N. K.

Izmeneniye yarcovoy pshenitsy eritrospermum 1160 v ozimyye. V st: Nauch.  
trudy Vsesoyoz. selekts.-genet. in-ta im Lysenko. M., 1949, s. 221-26.

SHIMANSKIY, N.X.

Inter-variety crossing of oil flax. Dop. UN URSR no.2:189-191  
'56. (MLRA 9:12)

1. Vsesoyuznyy selektsionno-genetichniy institut imeni T.D. Lisenka.  
Predstavleno akademikom Akademii nauk USSR i Vsesoyuznoy Akademii  
sel'skokhozyaystvennykh nauk imeni Lenina P.A. Vlasyukom.  
(Flax)

1  
COPY : USSR  
SUBJECT : Cultivated Plants - Industrial, Oiliferous, Sugar.  
DATE : 1958, № 14, 1958, №. 53499  
NAME : Shimanskiy, N. A.  
TITLE : Inter-Varietal Crossings of Sunflowers

CONT. : Solektsiya i semenovodstvo, 1957, No. 5, 66-67  
TEXT : The castrated calathises of VNIIMK 1646 variety of sunflower were pollinated with a mixture of the pollen of morphologically distinct varieties: Fuksinka 3, Voronezhskaya 709 and Chernomka 11. In the first generation, 62.4% of the plants proved to be typical of the maternal variety; and in the second generation - 30%. Experiments likewise showed that the number of pollinations also influences the preservation of variety characteristics. With a large number of pollinations, the yield and oil content of the seeds increased. With 4-5 pollinations, the yield of the seeds increased.

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SHIMANSKIY, N.K., kand. biol. nauk.

Fertilization of sunflowers with foreign pollen. Agrobiologiya no.2t  
131-133 Mr-Ap '58.

1. Vsesoyuznyy selektsionno-geneticheskiy institut, Odessa.  
(Sunflower breeding)

AUTHOR: Shimanskiy, N.K. SOV-21-58-4-24/29

TITLE: Directed Change of Spring Wheats Into Winter Wheats by Training (Napravlennoye izmeneniye yarovykh pshenits v ozimyye putem vospitaniya)

PERIODICAL: Dopovidi Akademii nauk Ukrains'koi RSR, 1958, Nr 4,  
pp 452-455 (USSR)

ABSTRACT: It was proven by studies of the All-Union Selection-Genetics Institute imeni T.D. Lysenko and other research institutions that it is possible to transform spring wheat into winter wheat by unsettling its heredity, i.e. by sowing towards winter and subsequent autumn sowing. However, this method had a drawback, in that the spring wheat almost completely froze out during severe snowless winters. The author therefore set out to solve the problem of unsettling the heredity of spring wheat in another way, which consisted in the verbalization of the grain at lowered temperatures of 2 to 3°C and sowing it on various early spring dates. Experiments carried out by the author from 1947 to the winter of 1949/50, showed that this method unsettled the nature of the spring forms. It was shown experimentally that the winter- and frost-resisting properties were created under the autumn

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SOV-21-58-4-24/29

Directed Change of Spring Wheats Into Winter Wheats by Training

conditions under which the plants developed.  
There are 2 tables.

ASSOCIATION: Vsesoyuznyy selektsionno-geneticheskiy institut imeni T.D. Lysenko (All-Union Selective Genetics Institute imeni T.D. Lysenko)

PRESENTED: By Member of the AS UkrSSR, P.A. Vlasyuk

SUBMITTED: July 19, 1957

NOTE: Russian title and Russian names of individuals and institutions appearing in this article have been used in the transliteration.

1. Wheat--Genetic factors 2. Wheat--Growth

Card 2/2

SHIMANSKIY, N.K., kand.biol.nauk

Eliminating the castration of flowers in the intervarietal crossing  
of soybeans. Agrobiologiya no.5:129-132 S-O '58. (MIRA 11:11)

1. Vsesoyuznyy selektsionno-geneticheskiy institut, g. Odessa.  
(Soybean)

21-58-5-26/28

AUTHOR: Shimanskiy, N.K.

TITLE: ~~Interbreeding of Flax Without Bud Castration (Mezhsortovye skreshchivaniye l'na bez kastratsii butonov)~~PERIODICAL: Dopovidi Akademii nauk Ukrains'koi RSR, 1958, Nr 5  
pp 569-572 (USSR)

ABSTRACT: In order to obtain flax hybrids without bud castration, the All-Union Selection-Genetical Institute imeni T.D. Lysenko, in 1951 experimented with the interbreeding of 4 combinations sharply different in morphological features of parental sorts. Experiments were continued till 1953. On the basis of the data obtained in these experiments, the author draws the conclusion that hybrid seeds can be obtained from the pollination of uncastrated flax buds. There are 4 tables.

ASSOCIATION: Vsesoyuznyy selektsionno-geneticheskiy institut imeni T.D. Lysenko (All-Union Selection Genetical Institute imeni T.D. Lysenko)

PRESENTED: By Member of the AS UkrSSR and All-Union Lenin Academy of Agriculture, P.A. Vlasyuk  
Card 1/2

Interbreeding of Flax Without Bud Castration

21-58-5-26/28

SUBMITTED: August 21, 1957

NOTE: Russian title and Russian names of the individuals and institutions appearing in this article have been used in the transliteration.

1. Flax--Culture

Card 2/2

SHIMANSKIY, N.K., kand.biologicheskikh nauk; LOSHAK, I.F.; FASTOVETS, L.S.

Effect of fertilizers on the yield and oil content of sunflower  
seeds. Agrobiologiya no.6:849-853 N-D '61. (MIRA 15:2)

1. Vsesoyuznyy selektsionno-geneticheskiy institut, Odessa.  
(Sunflower seed)

SHIMANSKIY, N.K., kand.biolog.nauk

Developing the wintering forms of oilseed flax by means of  
controlled conditioning. Agrobiologija no. 3:461-464 My-Je '64.  
(MIRA 17:7)

1. Vsesoyuznyy nauchno-issledovatel'skiy selektsionno-geneticheskiy  
institut, Odessa.

SHIMANSKIY, N.S.

BUGRIY, P.S.: SHIMANSKIY, N.S.

Cracks in welded joints in automatic fusion welding using the  
Mst. 3+1Kh18N9T two-ply steel. Avtom.svar. 7 no.5:76-81 S-0 '54.  
(MIRA 7:11)

1. Kiyevskiy zavod "Bol'shevik."  
(Steel--Welding)

SEREBRENNIKOVA, V.I.; SHIMANSKIY, O.V.

Conference on problems in the control of intestinal infections.  
Zhur. mikrobiol. epid. i immun. 32 no.5:154-156 My '61.  
(MIRA 14:6)  
(INTESTINES—DISEASES)

SHIMANSKIY, P.S. [Shymanski, P.S.]

Using herbicides in the thinning of economically valuable forest species. Vestsi AN BSSR.Ser.bial.nav. no.2:35-42 '62. (MIRA 15:8)  
(WHITE RUSSIA—FOREST THINNING) (HERBICIDES)

SHIMANSKIY, R.S.  
USSR/Physics - F-centers in crystals

FD-792

Card 1/1 Pub. 146-5/21

Author : Meyklyar, P. V. and Shimanskiy, R. S.  
Title : Thermal formation of F-centers in crystals of silver halide  
Periodical : Zhur. eksp. i teor. fiz., 27, 156-161, Aug 1954  
Abstract : The increment of optical density of silver bromide crystals is measured while they are being heated. The concentration of F-centers thermally forming in the crystal and the activation energy of this process are computed. Twenty references, including 9 foreign.  
Institution : Molotov Pedagogical Institute  
Submitted : November 18, 1953

"APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R001549510010-5

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549510010-5"

SHIMANSKIY, R.S.

Study of the long-wave self-absorption edge in AgBr crystals. Uch.  
zap.Ped.inst.Gerts.no.207&253 '61.

1. Permskiy gosudarstvennyy pedagogicheskiy institut.  
(Silver bromide crystals—Spectra) (MIRA 16:5)

"APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R001549510010-5

SHIMANSKIY, Sergey

In the laboratory of a master; architecture in artistic photography.  
Sov. foto 19 no.12:22-27 D '59. (MIRA 13:3)  
(Photography, Architectural)

APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R001549510010-5"

SHIMANSKIY, S. (Moskva)

Intensifying small negatives. Sov.foto 20 no.2:33-34  
F '60. (MIRA 13:7)  
(Photography--Negatives)

SHIPLANSKIY, S., (Tashkent).

On type-metal melting kettle. Poligr. proiz. 4:14 Ap '53. (MLRA 6:6)  
(Type and type founding)

SHIMANSKIY, S.F.

Method for feeding argasid ticks on chick embryos infected  
with Toxoplasma. Lab.delo 4 no.5:41-43 8-0 '58 (MIRA 11:11)

1. Iz otdela infektsiy a prirodnoy ochagovost'yu (zav. - prof.  
P.A. Petrishcheva) Instituta epidemiologii i mikrobiologii imeni  
N.F. Gamalei AMN SSSR, Moskva.

(TICKS AND CARRIERS OF DISEASE)  
(TOXOPLASMAIS)

SHIMANSKIY, S.: Master Biol Sci (diss) -- "Material on the study of the epidemiology and epizootiology of toxoplasmosis". Moscow, 1959. 13 pp (Acad Med Sci USSR, Inst of Epidemiology and Microbiology im Honorary Acad N. F. Gamayeyeva of the Acad Med Sci USSR), 300 copies (KL, № 12, 1959, 128)

SHIMANSKIY, S.F.

Method for the artificial infection of ixodic ticks. Lab. de<sup>mo</sup> 7  
no. 6t49-50 Je '61. (MIRA 14:7)

1. Otdel infektsiy s prirodnoy ochagovost'yu (zav. - prof.  
P.A.Petrikova) Instituta epidemiologii i mikrobiologii imeni  
N.F.Gamalei AMN SSSR, Moskva.  
(TICKS AS CARRIERS OF DISEASE)  
(TOXOPLASMOSIS)

BOGOMOLOV, A.I.; SHIMANSKIY, V.K.

Free energy change in acid conversion reactions. VNIGRI no.105:  
279-286 '57. (MIRA 11:9)  
(Acids, Organic)

SHIMANSKIY, V.K.

The Baikal petroleum. Trudy VNIGRI no.155:75-84 '60.

(MIRA 14:1)

(Baikal Lake region—Petroleum—Analysis)

BOGOMOLOV, A.I.; SHEMISKIN, V.K.

Characteristics of the composition of light methane petroleum hydrocarbons as related to the conditions of their formation.  
Zhur. prikl. kim. 38 no.10:2377-2379 O '65. (CIA 10:12)

1. Submitted May 26, 1964.

ACC NR:  
AP6034195

SOURCE CODE: UR/0369/66/002/005/0538/0542

AUTHOR: Shkol'nik, S. I.; Shimanskiy, V. M.

ORG: Ukrainian Scientific Research Institute of the Printing Industry, L'vov  
(UkpNII poligraficheskiy promyshlennost)

TITLE: Mechanical properties of polyester urethane elastomer

SOURCE: Fiziko-khimicheskaya mekhanika materialov, v. 2, no. 5, 1956,  
538-542

TOPIC TAGS: elastomer, elastic modulus, tensile strength, mechanical property,  
synthetic polymer, polyurethane, urethane, polyester urethane

ABSTRACT: The results of investigations of the mechanical properties of  
polyester urethane (PEU) elastomers are presented. A total of 26 formulations  
with polyethylene glycol adipate (PE) was synthesized. The latter was modified  
with various diisocyanates in the presence of ethanolamines. Investigations showed  
a marked decrease in elastomer strength with an increase in the excess of  
diisocyanate from 0.3 to 0.5 mol. A further increase in the diisocyanate content  
has very little influence on the mechanical characteristics of the PEU. The

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L 15338-66 EWT(m)/EWP(j) RM

ACC NR: AP6000980

(A)

SOURCE CODE: UR/0286/65/000/022/0058/0059

AUTHORS: Shimanskiy, V. M.; Gayevskiy, A. F.; Shkol'nik, S. I.; Gordin'skiy, B. Yu.

ORG: none

TITLE: A method for obtaining Polyethylene glycoladipinate. Class 39, No. 176403

SOURCE: Byulleten' izobreteniij i tovarnykh znakov, no. 22, 1965, 58-59

TOPIC TAGS: polymer, polymerization, polycondensation, ethylene glycol, adipic acid, polyester

ABSTRACT: This Author Certificate presents a method for obtaining polyethylene glycoladipinate by polycondensation of adipic acid with ethylene glycol. To increase the rate of reaction, a cyclic diester of adipic acid and diethylene glycol is added to the initial reaction mixture.

SUB CODE: 11/ SUBM DATE: 14 May 62

07/

UDC: 678.674:547.461.6:66.06 722.8

OC

Card 1/1

"APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R001549510010-5

RECORDED IN THE NAME OF THE COLORFUL ORGANIC  
SUBSTANCE AS DETERMINED BY THE COLORFUL  
ORGANIC SUBSTANCE TEST. THIS TEST IS  
NOT A PROVEN TEST AND IS NOT  
RECOMMENDED FOR USE. IT IS  
NOT RECOMMENDED FOR USE.  
IT IS NOT RECOMMENDED FOR USE.  
IT IS NOT RECOMMENDED FOR USE.  
IT IS NOT RECOMMENDED FOR USE.

APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R001549510010-5"

137-58-1-2137

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 1, p 290 (USSR)

AUTHORS: Yavorovskiy, A. A., Shimanskiy, V. M.

TITLE: Semimicroanalysis of Tin and Antimony in Type Metals  
(Polumikroanaliticheskoye opredeleniye olova i sur'my v  
tipografskikh splavakh)

PERIODICAL: Sb. tr. Ukr. n.-i. in-t poligr. prom-sti, 1956, Vol 4,  
pp 127-134

ABSTRACT: 0.1 g alloy is dissolved with heating in 3 cc concentrated  $H_2SO_4$ . After cooling, 10 cc HCl (1:1) are added to the solution. It is heated until the solution clears and is then titrated by 0.1 N KBrO<sub>3</sub> in the presence of 0.2 percent methyl orange until it is colorless (at 70-80°). A control experiment is conducted parallel thereto. After titration 5 cc 15 percent HCl are added, as are 10 cc of water, and a 30 cm spiral-shaped iron wire is introduced. The flask is closed by a plug with a bunsen valve. As a result the  $PbSO_4$  dissolves, the  $Sb^{+5}$  is reduced to the metallic state, and the  $Sn^{+4}$  to  $Sn^{+2}$ . The solution is held at a temperature close to the boiling point for 20 minutes and is filtered through absorbent cotton in a flask with 2-3 pieces of

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137-58-1-2137

Semimicroanalysis of Tin and Antimony in Type Metals

marble and 2-4 cc 5 percent HCl. The flask is closed by a plug with a bunsen valve, cooled by water, pieces of marble are added, and the analysis is completed with iodometry. The time required for the analysis is one hour. The results of a verification of the method are presented.

P. K.

1. Type metals--Preparation
2. Tin--Determination
3. Antimony--Determination
4. Titration

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"APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R001549510010-5

GORODINSKIY, B.Yu.; SHIMANOVSKIY, V.M.; GAYEVSKIY, A.F.; SHAGL'RIK, S.I.

Reclaiming of polyester urethanes, Plast. massy, no. 9:65-66 '65.  
(MIRA 12:9)

APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R001549510010-5"

СИДОРЧУК, В. М., Димитров, В. С. (дисс) "Монтируемая извержимость  
полиэтилорициновой эластопластичной композиции с хлором и  
перхлоратом натрия," Л'вов, 1989, 15 pp (Науково-збіральний  
інститут поліграфічної промисловості) (ЗЛ, 33-60, 140)

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Shimanski, V.N. (Institute of Paleontology, U.S.S.R. Academy of Sciences). The evolution of  
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(Ural Mountain region--Cephalopoda, Fossil)

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Revision of certain groups of cephalopods. Biul.MOIP.Otd.geol.  
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SHIMANSKIY, V.N.; ERLANGER, A.A.

Discovery of Triassic nautiloids in the U.S.S.R. Biul.MOIP. Otd.  
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SHIMANSKIY, V.N.; ZHURAVLEVA, F.A.

Stratigraphic significance of Nautiloidea. Biul.MOIP.Otd.geol.31  
no.3:112-113 My-Je '56. (MLRA 9:12)  
(Nautiloidea, Fossil) (Paleontology, Stratigraphic)

SHIMANSKIY, V.N.

On the family Pseudonantilidae Hyatt, 1900. Dokl.AN SSSR 112 no.1:  
127-129 Ja '57. (MLRA 10:2)

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(Cephalopoda, Fossil)

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Oncoceratida from the Carboniferous. Dokl. AN SSSR 112 no.3:  
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1. Paleontologicheskiy institut Akademii nauk SSSR.  
Predstavлено академиком I.I. Shmal'gauzenom.  
(Cephalopoda, Fossil)

AUTHOR: Shimanskiy, V.N. 5-4-6/15

TITLE: Systematics and Phylogeny of the Nautilida Order (Sistematika i filogeniya otryada Nautilida)

PERIODICAL: Byulleten' Moskovskogo Obshchestva Ispytateley Prirody, Otdel Geologicheskiy, 1957, No 4, pp 105-120 (USSR)

ABSTRACT: While composing a textbook on the "Fundamentals of Paleontology" the author reconsidered the contents of some groups of Nautilida. This article represents the result of the revision of Upper-Paleozoic and Mesozoic Nautilida. The author formulates the principles for systematics of Nautilida proposing the following criteria:  
1. Morphological peculiarities in the basic properties;  
2. Peculiarities of the ontogenetic development;  
3. Chronological isolation or interconnections, and  
4. Specific features in the ways of development of the group as a whole.  
The author divides the Nautilida order into 5 sub-orders: Reticularina, Tainoceratina, Centroceratina, Liroceratina and Nautilina, and subdivides them into a number of superfamilies and families. The classification of entymosal shells, whose structure the author considers as one of the most im-

Card 1/2

Systematics and Phylogeny of the Nautilida Order

5-4-6/15

portant criteria, is incorporated into characteristics of super-families. The author analyzes phylogenetic connections of the individual branches of Nautilida and suggests a scheme for the genetic tree of this order. The article contains 1 figure and 15 references, 2 of which are Slavic.

AVAILABLE: Library of Congress

Card 2/2

"APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R001549510010-5

SHIVANSKIY, V.N.

Systematics and phylogeny of the order Nautilida. Biul. MOIP. Oti.  
geol. 32 no.4:105-120 J1-Ag '57. (MIRA 11:4)  
(Cephalopoda, Fossil)

APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R001549510010-5"

SHIMANSKIY, V.N.

Convergent cases in nautiloids. Biul.MOIP. Otd.geol. 33 no.3:157-158  
My-Je '58. (MIRA 11:11)  
(Nautiloidea, Fossil)

AUTHOR: Shimanskiy, V.N. SCV-5-58-3-31/39

TITLE: Several Instances of the Convergancy of Nautiloidea (O nekotorykh sluchayakh konvergentsii u nautiloidey)

PERIODICAL: Byulleten' Moskovskogo obshchestva ispytatelye prirody, Otdel geologicheskiy, 1958, Nr 3, pp 157 - 158 (USSR)

ABSTRACT: This is a resume of a lecture given on Feb 21, 1958. Convergence is one of the basic difficulties in systematism. This is especially the case with fossil material, where the number of identifying characteristics have been greatly reduced. The author mentions existing similarities between nautiloidea and ammonoidea found in layers of the Ordovician and Devonian Periods. Even more complicated are homeomorphological phenomena, which can be subdivided into: 1) monomorphism; 2) paramorphism; 3) isomorphism. The study of ontogenesis shows the considerable differences in the evolution of Paleozoic and the majority of Mesozoic nautiloidea.

1. Paleoecology--USSR Geological time--Determination

Card 1/1

AUTHOR: Shimanskiy, V. N. 704/20-122-4-46/57

TITLE: On the Protoconch of Bactritoidea (O protokonkhe baktritoidey)

PERIODICAL: Doklady Akademii nauk SSSR, 1958, Vol 122, Nr 4, pp 702-705  
(USSR)

ABSTRACT: Bactritoidea is the smallest superorder of Ectocoachlia, and contains only a single order, Bactritida, 2 superfamilies, Bactritaceae and Parabactritaceae, 4 families, 12 genera, and about 40 species. The Bactritoids originated in the lower Paleozoic and persisted till the Permian. They are of considerable theoretical interest because important groups, such as the Ammonoids and all Endocoachlia, originated from them. Of especial interest is the study of the early development of the Bactritoids. Through such a study, the uncertainties regarding the phylogeny of the last-mentioned Cephalopods could be removed. The author reviews the publications concerning the subject (Refs 3,6,8). All of the protoconchs described in these publications are rather sharply distinct from each other and from the proteconch illustrated (Fig 2 of Ref 6). Among these references, several Bactritoids from the Devonian, Carboniferous, and Permian, as classified by F. A. Zhuravleva and V.

Card 1-3

On the Protoconch of Bactritoidea

SOV/20-122-4-46/57

Ye. Buzhentsev, appear to be most suitable for the author's purposes. From a study of this material, the author reaches the following conclusions: 1) The first chamber of the Bactritoids can be half spherical, cap-shaped, or egg-shaped, and is separated from the remainder of the shell by a more or less distinct cutting off. The half spherical and the egg-shaped first chambers may be either wider or narrower than the second chamber. The cap-shaped initial chamber is narrower than the remainder of the shell. 2) Bactritoids of different species, genera, and families may have a distinct initial chamber. 3) As a rule, one or two lower chambers follow the protoconch. At first the height of the chamber becomes greater with successive chambers. The animal probably had to abandon the egg-cover, when it had a shell of one (protoconch) or 2 air chambers and a living chamber. From a comparison of the first chambers of the Bactritoids with those of the Ammonoids, it is evident that the protoconchs of the earliest forms are similar in morphology and size, while in the later forms they are considerably different. In both of these superorders there is a tendency for the protoconchs to become smaller among the later forms. The form and size of the protoconch obviously has a systematic signif-

Card 2-5

On the Protoconch of Bactritoiden

30V/20-122-4-46/7

ificance for both superorders. A comparison and study of the Belemnoid protoconchs would probably yield similar useful information. There are 4 figures and 6 references, 2 of which are Soviet.

ASSOCIATION: Paleontologicheskiy institut Akademii nauk SSSR (Paleontological Institute of the USSR)

PRESENTED: May 17, 1958, by I. I. Shmal'gauzen. Member, Academy of Sciences, USSR

SUBMITTED: May 14, 1958

Card 5/5

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(Caucasus, Northern--Paleontology, Stratigraphic)  
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SHIMANSKIY, V.N.; ZHURAVLEVA, F.A.; BEZNOSOVA, G.A.

Morphological terminology in invertebrate zoology and paleontology.  
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Phylogeny of Fossil Animals. Paleont. zhur. no.2:134-139 '59.  
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SHIMANSKIY, V.N.

New paleontological journals. Paleont. zhur. no.2:141-142  
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ORLOV, Yu.A., glavnnyy red.; MARKOVSKIY, B.P., zam.glevnogo red.; RYZHELTSEV,  
V.Ye., zamestitel' glavnogo red.; SOKOLOV, B.S., zamestitel' glavno-  
go red.; EBERZIN, A.G., otv.red.toma; KIPARISOVA, L.D., red.;  
SHIMANSKIY, V.N., red.; VAKHrameyev, V.A., red.; GEKKER, R.F., red.;  
GROMOVA, V.I., red.; DAVITASHVILI, L.Sh., red.; KRYMGOL'TS, G.Ya.,  
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red.; POKROVSKAYA, I.M., red.; PCHELINTSEV, V.F., red.; RADCHENKO,  
G.P., red.; RAUZER-CHERNOUSOVA, D.M., red.; RODENDORF, B.B., red.;  
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rodstvennykh im grupp. Moskva, Izd-vo Akad.nauk SSSR, 1961.  
175 p., 15 plates. (Akademija nauk SSSR, Paleontologicheskii  
institut, Trudy, vol.90) (MIRA 15:3)  
(Nautiloidea, Fossil--Classification)

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Scope and distribution of the genus Syrionautillus. Paleont. zhur.  
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Argocheilus Shimansky, nom. nov. Paleont. zhur. no.2:128 '61.  
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SHIMANSKIY, V.N.

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1960. Paleont. zhur. no.2:140-141 '61. (MIRA 14:6)  
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Evolution of Carboniferous actinoceratids. Paleont. zhur.  
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(Mollusks, Fossil)

SHIMANSKIY, V.N.

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the Iberian Nautilinae d'Orb" by J.Wiedmann. Reviewed by V.N.  
Shimanskii. Paleont.zhur. no.4:174-177 '61. (MIRA 15:3)  
(Nautiloidea, Fossil) (Wiedmann, J.)

DRUSHCHITS, V.V., dots.; ASTROVA, G.A.; MERKLIN, R.L.; SHIMANSKIV, V.N.;  
ORLOV, Yu.A., akademik, otv. red.; KOTLYAREVSKAYA, P.S., red.;  
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